

CHAPTER 11

ELECTRICAL CODE

ARTICLE I

ADOPTION OF THE NATIONAL ELECTRIC CODE (N.E.C.)

11-1-1 **INTENT.** The intent of this Code is to provide safety of dwellings within the corporate limits through compliance of the adopted National Electric Code and safety requirements of local utility companies, that to an end will provide safer living standards and a better quality of life for residents, through the adoption, use and enforcement of electrical codes designed for practical safeguarding of persons and properties from hazards arising from the use of electricity.

11-1-2 **ADOPTION OF THE NATIONAL ELECTRIC CODE.** The 1990 edition of the National Electric Code, and all subsequent amendments thereto, standard of the National Fire Protection Association (N.F.P.A.) for Electric Wiring and Apparatus, is hereby adopted by reference, pursuant to authority of **Illinois Compiled Statutes, Chapter 65, Paragraphs 5/1-3-1**, inclusive; provided that if any of the provisions of the National Electric Code are in conflict with State law or any ordinance of the City, the State law or such ordinance shall prevail.

At least **three (3) copies** of such National Electric Code will be found on file in the office of Code Enforcement and/or City Clerk and are available for public use, inspection and examination.

ARTICLE II

PERMITS; ELECTRICAL PERMIT REQUIRED; APPLICATION FOR PERMIT

11-2-1 **PERMIT REQUIRED; APPLICATION.** It shall be unlawful to install or alter any electrical equipment or wiring of a building or structure requiring practical safeguarding of persons and properties from hazards arising from the use of electricity, for which provision is made or the installation of which is regulated

by this Code, without first filing an application with the Electrical Inspector/Code Official in writing and obtaining the required permit therefor; except that repairs of a minor nature and which do not involve any violation of this Code, shall be exempted from this provision.

11-2-2 FORM OF APPLICATION. The application for a permit shall be submitted in such form as the Code Official prescribes and shall be accompanied by the required fee as prescribed in **Section 11-5-1 Fee Schedule** of this Code.

11-2-3 BY WHOM APPLICATION IS MADE. Application for an electrical permit shall be the owner or lessee of the building or structure, or agent of either or by the licensed electrician or firm employed in connection with the proposed work. If the application is made by a person other than the owner in fee, it shall be accompanied by an affidavit of the owner or the qualified applicant or a signed statement of the qualified applicant witnessed by the owner in fee and that the applicant is authorized to make such application. The full names and addresses of the owner or lessee, applicant, and of the responsible officers, if the owner or lessee is a corporate body shall be stated in the application.

11-2-4 DESCRIPTION OF WORK. The application shall contain a general description of the proposed work, the location of the proposed work, the use and occupancy of all parts of the building or structure, provisions for special inspections required by **Article VII**, and such additional information as required by the Electrical Inspector/Code Official.

11-2-5 PLANS AND SPECIFICATIONS. The application for the permit on new construction shall be accompanied by not less than **two (2) copies** of specifications and of plans drawn to scale, with sufficient clarity and detail dimensions to show the nature and character of the work to be performed. When quality of materials is essential for conformity to this Code, specific information shall be given to establish such quality; and this Code shall not be cited, or the term "legal" or its equivalent be used, as a substitute for specific information. The Electrical Inspector/Code Official is permitted to waive the requirements for filing plans when the work involved is of a minor nature.

11-2-6 AMENDMENTS TO APPLICATION. Subject to the limitations of following **Section 11-2-7**, amendments to a plan, application or other records accompanying the same shall be filed at any

time before completion of the work for which the permit is sought or issued. Such amendments shall be deemed part of the original application and shall be filed therewith.

11-2-7 TIME LIMITATION OF APPLICATION. An application for a permit for any proposed electrical work shall be deemed to have been abandoned **six (6) months** after the date of filing, unless such application has been diligently prosecuted or a permit shall have been issued; except that the Electrical Inspector/Code Official shall grant one or more extensions of time for additional periods not exceeding **ninety (90) days** each if there is reasonable cause.

11-2-8 ACTION ON APPLICATION. The Electrical Inspector/Code Official shall examine or cause to be examined all applications for permits and amendments thereto within a reasonable time after filing. If the application or plans do not conform to the requirements of all pertinent laws, the Electrical Inspector/Code Official shall reject such application in writing stating the reasons therefor. If the Electrical Inspector/Code Official is satisfied that the proposed work conforms to the requirements of this Code and all laws and ordinances applicable thereto, the Electrical Inspector/Code Official shall issue a permit therefor as soon as practicable.

11-2-9 SUSPENSION OF PERMIT. Any permit issued shall become invalid if the authorized work is not commenced within **six (6) months** after issuance of the permit, or of the authorized work is suspended or abandoned for a period of **six (6) months** after the time of commencing work.

11-2-10 PREVIOUS APPROVALS. This Code shall not require changes in the plans, construction or designated use of a building for which a lawful permit has been heretofore issued or otherwise lawfully authorized that does not alter the practical safeguarding regulated by this Code for persons and property, and the installation of which has been actively and previously prosecuted and approved within **ninety (90) days** after the effective date of this Code and is completed with dispatch.

11-2-11 SIGNATURE TO PERMIT. The Electrical Inspector/Code Official's signature shall be attached to every permit; or the Electrical Inspector/Code Official shall authorize a subordinate to affix such signature thereto.

11-2-12 APPROVED PLANS. In the event of new construction involving plans for electrical installations, the Electrical Inspector/Code Official shall stamp or endorse in writing both sets of corrected plans "APPROVED", and one set of such plans shall be retained by the Code Official and the other set shall be kept at the building site, open to inspection of the Electrical Inspector or an authorized representative at all reasonable times.

11-2-13 REVOCATION OF PERMITS. The Electrical Inspector/Code Official shall revoke a permit or approval issued under the provisions of this Code in the case of any false statement or misrepresentation of fact in the application or on the plans on which the permit or approval was based.

11-2-14 APPROVAL OF PART. The Electrical Inspector/Code Official is authorized to issue a permit for installation of Service Entrance (service drops) installations only as a consequence of previous inspection of an existing wiring installation wherein evaluation of existing service and/or wiring distribution conductors of the building is deemed safe and adequate to meet the existing requirements of this Code. The holder of such permit for the Service Entrance installation or other parts of the electrical system of said building or structure shall proceed at the holder's own risk with the installation and without assurance that a permit for the entire installation will be granted.

11-2-15 POSTING OF PERMIT. A true copy of the electrical permit shall be kept on the site of operations, open to public inspection during the entire time of the prosecution of the work and until completion of the same.

11-2-16 NOTICE OF START. At least **twenty-four (24) hour** notice of start of work under an electrical permit shall be given to the Electrical Inspector/Code Official in order for the Inspector to establish necessary inspections and connections of permanent electrical service and **forty-eight (48) hours** in the event of Service Entrance up-grades only for existing buildings or structures.

ARTICLE III – RESERVED

ARTICLE IV – CONDITION OF PERMITS

11-4-1 PAYMENT OF FEES. A permit shall not be issued until the fees prescribed in **Section 11-5-1** have been paid.

11-4-2 COMPLIANCE WITH CODE. The permit shall be a license to proceed with the work and shall not be construed as authority to violate, cancel or set aside any of the provisions of this Code, except as specifically stipulated by modification or legally granted variation as described in the application or by the local utility company providing the electric service.

11-4-3 COMPLIANCE WITH PERMIT. All work shall conform to the approved application and/or plans for which the permit has been issued and/or any approved amendments thereto.

11-4-4 COMPLIANCE WITH RULES AND SPECIFICATIONS FOR ELECTRIC SERVICE BY UTILITY COMPANIES. All new work regarding Service Entrance installations shall be located and installed in strict accord with the regulations enumerated in Section 5C Rule Book, Electric Service Schedule 9B of the Central Illinois Public Service Company, Springfield, Illinois.

ARTICLE V – FEES

11-5-1 FEE SCHEDULE. A fee for each electrical inspection shall be paid in accordance with the following schedule:

(A) Preliminary inspection of a building or structure to evaluate the existing distribution wiring and service entrance: **Seven Dollars Fifty Cents (\$7.50).**

(B) Follow-up inspections on buildings totally rewired including a new Service Entrance installation which requires written approval for permanent connection by utility company: **Seven Dollars Fifty Cents (\$7.50).**

(C) Inspection of a Service Entrance installation (upgraded amperage) that has been deemed adequate and safe by a licensed electrician with regard to the existing internal distribution wiring: **Ten Dollars (\$10.00).**

NOTE: Item (C) of the fee schedule will require a written statement from the licensed electrician verifying his inspection and the safety of the existing distribution wiring of a building or structure for which the Service Entrance is the only upgrade to the overall electrical system.

11-5-2 ACCOUNTING. The Electrical Inspector/Code Official shall keep an accurate account of all fees collected; and such collected fees shall be deposited monthly with the office of City Clerk for accounting, or otherwise disposed of as required by law.

11-5-3 REFUNDS. In the case of a revocation of a permit or abandonment or discontinuance of a wiring project, the portion of the work actually completed shall not be considered as cause for refund. Such fees as outlined in **Section 11-5-1 Fee Schedule** are based upon the processing and actual inspections at a flat rate, therefore nonrefundable.

ARTICLE VI

ELECTRICAL CONTRACTORS AND ELECTRICIANS; LICENSING

11-6-1 REGISTERED CONTRACTORS/ELECTRICIANS ONLY TO ENGAGE IN BUSINESS. It shall be unlawful for any person to engage in the business of electrical contracting or general electrical work within the City without being registered in the manner provided, except that any person who does not reside within the City, or maintain his office or place of business within the corporate limits of the City, and who is registered as an electrical contractor or an electrician in some other city, village or incorporated town in the State, and who presents to the Electrical Inspector/Code Official of the City and a certificate of registration issued by such other municipality, shall not be required to register or obtain a certificate of registration or to pay such certificate of registration, as a condition precedent to engaging in the electrical contracting business in the City.

11-6-2 REGISTRATION/LICENSING – APPLICATION AND EXAMINATION. Any person required to register as an electrical contractor/electrician prior to engaging in such business in the City shall make sworn written application for registration to the Electrical Inspector/Code Official of the City. Such application shall state the following: name, residence, and place of business of applicant and education, experience or training of applicant in such business or as an electrician, electrical contractor

or electrical engineer. The Electrical Inspector/Code Official shall investigate such ap-

plication and shall examine such applicant upon his knowledge and understanding of the National Electric Code (NEC) and the published regulations of the National Board of Fire Underwriters for Electrical wiring and apparatus as recommended by the National Fire Protection Association (NFPA) and approved by the American Standards Association, which National Electric Code (NEC) is on file in the office of the City Clerk and is to be refiled by the City Clerk on the date of the adoption of this Code, and which National Electric Code is hereby approved.

11-6-3 REGISTRATION/TESTING. The City shall make available to persons seeking registration/licensing, test forms that are equivalent to a fourth year electrical apprentice level of testing. Said testing shall occur every **fourth (4th) Friday** of each month for a total of **twelve (12) testing days** per year. Notice of said test dates will be posted in the office of City Clerk and the City Code Enforcement office effective no later than **January 10th** of each year.

11-6-4 SCOPE OF TESTING AND REQUIRED FEES. All persons requesting application for registration and licensing to conduct electrical work within the City shall be required to submit a **Fifty Dollar (\$50.00)** fee for said testing whereupon such test fees are nonrefundable. Upon receipt of all completed applications and paid fees, the applicant shall be entitled to testing on a specified monthly test date falling not less than **ten (10) days** after an acceptable application is made. All applications made within the **ten (10) day** period prior to the specified test date will not be processed until the following month.

Said testing of each applicant shall be the equivalent to a fourth year electrical apprentice whereby each test shall be conducted in the presence of the City Electrical Inspector/Code Official. Such official shall make available to all applicants prior to commencement of testing, copies of the National Electric Code and/or other applicable codes or regulations for the applicants review. Reference to code manuals shall not be made during the test period until such time as the applicant has completed the test to the best of his/her ability. Applicants shall be allowed no more than **thirty (30) minutes** to review applicable code manuals against test answers and to make necessary changes in order for the City Electrical Inspector/Code Official to evaluate the applicants knowledge and use of applicable code manuals. Test results will be forwarded to the applicant within **five (5) days** after the test date regarding the approval or denial of the license.

Upon approval of positive test results an applicant shall be notified in writing by the Electrical Inspector/Code Official of his/her requirement to obtain the City registration/ licensing from the City Code Enforcement Office official at which time a license fee will be required according to **Section 11-6-6 Approval and Fee.**

11-6-5 DENIAL AND APPEAL. In case the Electrical Inspector/Code Official shall find and determine in writing that the applicant for registration under this Chapter is not qualified to carry on the business of an electrical contractor or not qualified to conduct electrical work within the City, a copy of such findings and the order denying the application shall be served upon the applicant and a second copy thereof shall be filed in the office of the City Clerk. Such applicant may appeal to the Board of Electrical Commissioners from the decision of the Electrical Inspector/Code Official within **twenty (20) days** from the date of the copy of the findings and order is served upon the applicant. Upon the perfection of the appeal, the Board of Electrical Commissioners shall consider such application and shall conduct such examination and investigation as shall be deemed necessary or desirable to determine the appeal and shall so determine the appeal within **thirty (30) days** from the perfection thereof.

11-6-6 APPROVAL AND REGISTRATION ANNUAL FEE. When the application for registration/license is approved, upon payment of the first annual registration fee of **Twenty-Five Dollars (\$25.00)**, and filing of a certificate of insurance as required by **Section 11-6-11**, a certificate of registration shall be issued to the applicant.

11-6-7 EXPIRATION AND REISSUE OF CERTIFICATE. Every electrical contractor/electrician who has qualified for and receives a certificate of registration shall, upon the expiration thereof, and upon written application therefor, be entitled to a certificate of registration for the next succeeding or any succeeding fiscal year upon payment of a registration fee of **Twenty-Five Dollars (\$25.00)** and proof of required insurance coverage, not to exceed a total of **five (5) years** before recertification testing is required according to the following **Section 11-6-8**.

11-6-8 RECERTIFICATION OF REGISTRATION AND LICENSE. It is hereby required that all persons holding registration and license from the City are to seek recertification according to the requirements set forth in **Section 11-6-3** and **Section 11-6-4** of this Code. All currently registered/licensed persons shall be subject to fees and approval as is set forth in **Sections 11-6-5 through 11-6-7** of this Code where the annual fee of **Twenty-Five Dollars (\$25.00)** required at the same time as recertification shall constitute the first annual fee of the next **five (5) year** period prior to recertification.

11-6-9 REGISTERED CONTRACTORS ONLY TO HAVE PERMITS; UNLAWFUL TO OBTAIN PERMIT FOR ANOTHER. No person who is not a registered electrical contractor or electrician shall be granted a permit to do electrical work within the City unless applicant for such permit is approved according to **Section 11-2-3** of this Code. It shall be unlawful for any registered electrical contractor or electrician to secure a permit to do electrical work for the use of another. Any person so securing a permit shall be subject to the

penalty as provided in **Section 1-1-19 General Provision** of the Revised Code of Ordinances and/or **Section 11-8-4** of this Electrical Code and shall have his certificate revoked.

11-6-10 LICENSE REQUIRED. It shall be unlawful for any person to engage in the business of an electrical contractor or conduct electrical wiring in any business or structure within the City, unless such person shall first procure a license to do so in the manner prescribed in this Chapter.

11-6-11 INSURANCE REQUIRED. No person shall be issued or reissued registration/license as an electrical contractor/electrician without first having obtained and filed with the City Code Enforcement Office a certificate of insurance demonstrating that said person is insured by a reputable insurer as such electrical contractor/electrician for general liability purposes with minimum coverage of **One Million Dollars (\$1,000,000.00)** per occurrence. It is further required that all electrical contractors/electricians shall maintain in full force and effect, during the effective period of any license issued, the insurance coverage stated above, and failure to do so shall be a violation of this Code and grounds for revocation of license by the Board of Electrical Commissioners. **(Ord. No. 10-15; 07-13-10)**

(Ord. No. 93-6; 08-10-93)

ARTICLE VII – INSPECTIONS

11-7-1 PRELIMINARY INSPECTIONS. Before issuing an electrical permit, the Electrical Inspector/Code Official shall if deemed appropriate, examine or cause to be examined all buildings, structures and/or sites for which an application for an electrical permit has been filed to upgrade amperage of a Service Entrance (drop) or partial rewire of internal distribution circuits. Preliminary inspection may be waived by the Electrical Inspector/Code Official upon written verification by the licensed electrician conducting the work regarding the safety of existing wiring and/or equipment conditions as being in compliance with this Code.

11-7-2 REQUIRED INSPECTIONS. After issuing an electrical permit, the Electrical Inspector/Code Official shall conduct inspections as follows:

(A) In the event of partial rewiring of a building or structure to seek compliance with applicable codes and regulations.

(B) Final inspections of Service Entrance (drop) installations for which permits and pertinent verification statements on existing wiring by a licensed electrician have been approved by the Electrical Inspector/Code Official.

(C) Follow-up inspections on projects that preliminary inspections have deemed such a project of a scope that requires additional inspections for compliance. A record of all such inspections and of all violations of this Code shall be maintained by the Code Official. The owner shall provide for such special inspections of electrical systems wherein the project scope shall be deemed as requiring such additional inspections for compliance. The Electrical Inspector/Code Official shall be authorized to specify reasonable periods of abatement to bring all electrical violations or deficiencies into compliance with this Code.

(D) **Final Inspection Defined.** Upon completion of an electrical project on any building or structure in the City and before permission is given which authorizes the utility company to provide permanent service to said building or structure, a final inspection shall be made by the Electrical Inspector/Code Official. All violations of this Code shall be noted and the holder of such electrical permit notified of the violations in writing, wherein such violations shall be defined along with a reasonable period of abatement. Permission to install a permanent electrical service to a building or structure will be withheld until such time all projects are brought into compliance with this Code.

11-7-3 RIGHT OF ENTRY. In the discharge of duties, the Electrical Inspector/Code Official or authorized representative shall have the authority to enter at any reasonable hour any building, structure, or premises in the corporate limits of the City to enforce the provisions of this Code.

11-7-4 COORDINATION OF INSPECTIONS. Whenever in the enforcement of this Code or another applicable code or ordinance, the responsibility of more than **one (1)** Code Official of the jurisdiction is involved, it shall be the duty of the Code Officials involved to coordinate their inspections and administrative orders as fully as practicable so that the owners and occupants of the structure shall not be subjected to visits by numerous inspectors nor multiple or conflicting orders. Whenever an inspector from any agency or department observes an apparent code violation of some provision of some law, ordinance or code not within that inspector's authority to enforce, the inspector shall report the findings to the Electrical Inspector/Code Official having jurisdiction.

11-7-5 COORDINATION OF INSPECTIONS BY LICENSED ELECTRICIANS. The licensed electrician conducting projects within the City shall bear the responsibility of cooperating with the Elec-

trical Inspector/Code Official for being present during all required inspections. Licensed electricians shall be required to coordinate inspections with the inspector for the purpose of timely inspections on behalf of the owner/occupant.

11-7-6 WORKMANSHIP. All electrical work conducted in the City shall be installed and completed in a workmanlike manner acceptable of the National Electric Code so as to secure the results intended by this Code.

ARTICLE VIII – VIOLATIONS

11-8-1 UNLAWFUL ACTS. It shall be unlawful for any person, firm or corporation to erect, construct, alter, extend, repair, remove, demolish, use or occupy any building with electrical service or equipment regulated by this Code, or cause same to be done, in conflict with or in violation of any of the safeguard conditions or provisions of this Code.

11-8-2 NOTICE OF VIOLATION. The Electrical Inspector/Code Official shall serve a written notice of violation or order on the person responsible for the building or structure found to contain violations of the provisions of this Code, or in violation of a detail statement or a plan approved thereunder, or in violation of a permit or certificate issued under the provisions of this Code. Such order shall direct the discontinuance of the illegal action or condition and the abatement of the violation.

11-8-3 PROSECUTION OF VIOLATION. If the notice of violation is not complied with promptly, the Electrical Inspector/Code Official shall request the City Attorney to institute the appropriate proceeding at law or in equity to restrain, correct or abate such violation of the provisions of this Code or of the order or direction made pursuant thereto.

11-8-4 VIOLATION PENALTIES. Any licensed person who shall conduct any electrical installation in violation of this Code shall be subject to revocation of the license issued by the City and with further notice that all licensing agencies shall be notified of the revocation.

Any licensed person who shall violate a provision of this Code or shall fail to comply with any of the requirements thereof or who shall erect, construct, alter or repair a building or structure with electrical systems in violation of an approved plan or directive of the Electrical Inspector/Code Official, of a permit or certificate issued under the provisions of this Code, shall be guilty of an act of endangerment to persons and property as governed by applicable codes and is punishable by a fine of not more than **Five Hundred Dollars (\$500.00)**. Each day that a violation continues shall be deemed a separate offense.

11-8-5 ABATEMENT OF VIOLATION. The imposition of the penalties herein prescribed shall not preclude the City from instituting appropriate action to prevent unlawful electrical installations or to restrain, correct or abate a violation, or to prevent illegal occupancy of a building structure or premises or to stop an illegal act, conduct, business or use of a building or structure on or about any premises.

ARTICLE IX – STOP WORK ORDER

11-9-1 STOP WORK ORDER BY ELECTRICAL INSPECTOR/CODE OFFICIAL. Upon notice from the Electrical Inspector/Code Official that electrical work on any building or structure is being executed contrary to the provisions of this Code or in an unsafe and dangerous manner, such work shall be immediately stopped. The stop work order shall be in writing and shall be given to the owner of the property involved, or to the owner's agent or to the licensed person conducting the work; and shall state the conditions under which work will be permitted to resume.

11-9-2 UNLAWFUL CONTINUANCE. Any person who shall continue any work in or about the building or structure after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be liable to a fine of not less than that as described in **Section 11-8-4** of this Code.

ARTICLE X – ADDITIONAL REQUIREMENTS AND DEFINITIONS

11-10-1 ADDITIONAL REQUIREMENTS.

(A) All assemblies must be wired in conduit.

(B) All new commercial structures must have a smoke/fire alarm system. Where **two (2)** or more smoke alarms are required they shall be arranged so that operation of any smoke alarm shall cause the alarm in all smoke alarms to sound.

Definitions. Assembly: All structures which are designed or occupied for the gathering together of persons for purposes such as civic, social or religious functions, recreation, food or drink consumption or awaiting transportation.

(Ord. No. 11-4; 04-12-11)

ARTICLE XI – PROHIBITED ELECTRICAL INSTALLATIONS

11-11-1 ELECTRICAL INSTALLATIONS AT METER. Persons owning property in the City are prohibited from Service Entrance (drops)/meter installations except in the event such owner is licensed to conduct such work.

All Service Entrance (drop)/meter installations involving conductors, conduit, approved clamping, meter base, safety disconnects, weatherproof fittings, or other safety equipment necessary to comply with utility company regulations for the purpose of providing electrical service to any building or structure, shall be performed by licensed electricians only.

**11-11-2 PROHIBITED ELECTRICAL INSTALLATIONS BY
NONLICENSED OCCUPANT.** It shall be unlawful for an owner of a building or structure to allow an occupant/tenant of any building or structure to erect, construct, alter, extend, repair, remove or demolish electrical installations of any building except in the event the occupant is licensed to perform such work.

ARTICLE XII

EXISTING ELECTRICAL INSTALLATIONS IN BUILDINGS

11-12-1 EXISTING BUILDINGS AND SUBSTANDARD WIRING. At such time the Electrical Inspector/Code Official is requested or has cause to inspect any building or structure – building in the City and finds distribution wiring to be substandard, or panel boards in excess of normal full load ratings, or to contain more than **six (6)** switch devices and/or distribution circuitry conductors of such condition in excess of rates ampacity that when such conditions are allowed to persist would allow for dangerous overheating or would result in property damage, the Electrical Inspector/Code Official shall notify the owner of said building of all existing hazardous conditions in writing. When in the opinion of the Electrical Inspector/Code Official or a licensed electrician, the existing conditions are deemed to be hazardous to persons or property, the written notice shall include a period of abatement for which the hazardous condition shall be corrected.

11-12-2 WIRING DEEMED AS SUBSTANDARD BY THE CITY. The City has adopted the National Electric Code as a guide to ensure practical safeguarding of persons and properties for hazards arising from the use of electricity. The City has the additional authority to promulgate regulations as means to insure the integrity of this Code and the adopted National Electric Code and while the National Electric Code recognizes the existence of various methods and types of existing wiring and/or conductors, there are not guarantees that such existing systems, if allowed to remain safe for and/or from an owner/occupant under certain conditions, therefore, the following regulations are hereby set forth:

(A) Two-wire, ungrounded systems using copper conductor romex shall be allowed to remain in existing building or structure when in the opinion of the licensed electrician such wiring does not constitute a potential hazard. A licensed electrician verifying the safety of such systems shall be required to submit such verification in writing to the Electrical Inspector/Code Official for the purpose of retaining the information with the respective permit for the electrical installation.

(B) Two-wire systems using aluminum conductor romex shall not be allowed to remain in any building or structure and shall be removed from such systems.

(C) Knob and tube type wiring shall not be allowed to remain in any building or structure when in the opinion of the Electrical Inspector/Code Official, the existence thereof constitutes a potential hazard.

(D) It shall be unlawful for any person, firm or corporation to erect, alter, extend or repair electrical systems in

buildings or structures located within the boundaries of the primary fire district in the City unless such systems are enclosed in approved conduit systems including all other necessary safety equipment required by applicable codes.

(E) All branch circuit/feeder installations made in any structure or building within the City shall be installed with circuit protection as provided for in Article 215 of the National Electric Code (i.e. Ground Fault Protection of Personnel and Equipment). It shall be unlawful for any person, licensed or unlicensed, to erect, construct, alter, extend or repair circuits with outlets in areas known to be governed by Article 215 of the N.E.C.

(F) All residential dwellings shall be equipped with approved electric or battery operated smoke detectors to comply with State of Illinois statutes. It shall be unlawful for any licensed electrician to perform any degree of electrical work on a residential dwelling without insuring the installation of such devices new and/or that existing units are operational prior to completion of an electrical project.

ARTICLE XIII – BOARD OF ELECTRICAL COMMISSIONERS

11-13-1 APPOINTMENT – TERM OF OFFICE. There is hereby created in the City a Board of Electrical Commissioners. The Board shall consist of **six (6) members**, whose terms of office shall be **three (3) years** and until their respective successors are appointed and have qualified. The appointment shall be made by the Mayor, with the consent of the City Council and upon recommendation of qualified persons made available by the electrical inspector/code official of such persons to serve on the Commission, except that no Mayor shall make any appointment within **thirty (30) days** prior to the expiration of his/her term of office.

11-13-2 QUALIFICATIONS – OATH – REMOVAL. Of the **six (6) members** of the Board, **one (1)** shall be a registered electrical engineer within the State of Illinois, **two (2)** shall be licensed electrical contractors with a valid, current electrical license issued by the City, **one (1)** shall be a current administering official from a local utility company furnishing electrical service to the City, **one (1)** shall be a representative citizen not identified with either the employing or employee class of the City administration and the **sixth (6th)** shall be a general construction contractor of good stead that bears credentials of local building trade association membership.

Each member shall possess the same qualifications required of other City officials; shall take oath of office, and be subject to removal from office in the same manner as other appointive officers of the City.

11-13-3 APPROVAL OF ELECTRICAL LICENSE TO CONTRACTORS AND INDIVIDUALS CONDUCTING ELECTRICAL INSTALLATIONS WITHIN THE CORPORATE LIMITS.

The Board of Electrical Commissioners shall bear the responsibility to:

(A) Review and implement requirements for testing of individuals and/or contractors desiring to obtain a City license to conduct electrical wiring work in buildings or structures within the corporate limits.

(B) Review applicant's test results and pertinent information supplied by applicants for the purpose of approving or denying the issuance of a City electrical license. Such reviews shall be based solely upon the applicants knowledge of all applicable codes related to safety of persons or buildings using electrical service.

(C) Review recommendations of the electrical inspector/code official in regard to violations of this Code that may be committed by a licensed individual or contractor.

(D) Hear appeals of aggrieved licensed individuals/contractors according to **Section 11-6-5** of this Code.

(E) Revoke or reissue license of an individual or contractor charged with violation of provisions of this Code.

11-13-4 RULES – PUBLICATIONS. The Board shall make rules to carry out the intent of **Chapter 11 – Electrical Code**, and shall also make rules regulating revocation or issuance of electrical license that are in addition to the regulations contained herein. The Board, from time to time, may make changes in its rules, however such changes shall not alter nor forego the intent of safety of codes explicitly adopted by the City for the purpose of safety.

The Board shall insure immediate printing of any and all such changes to **Chapter 11 – Electrical Code** and shall give notice of the places where the printed rules may be obtained, and shall give notice of when the rules or any changes, shall go into effect. This notice shall be published in a newspaper in the City.

11-13-5 DUTIES AND POWERS. The Board of Electrical Commissioners have the power to enforce this Electrical Code of the City Revised Code of Ordinances herein cited, and shall carry out its duties in the manner prescribed by this Code.

[Unless Otherwise Noted, This Chapter Ord. No. 90-13; 10-23-90]